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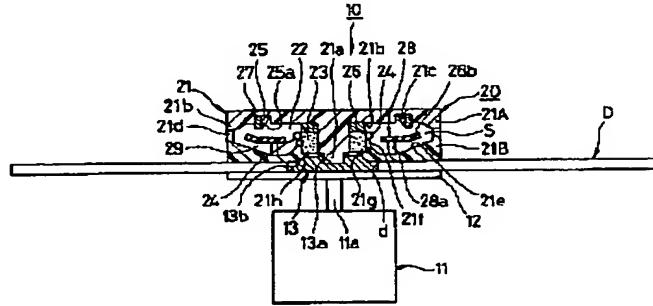
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TITLE : DISK CLAMPING MECHANISM FOR
OPTICAL DISK DEVICE



ABSTRACT : PROBLEM TO BE SOLVED: To provide a disk clamping mechanism for optical disk device capable of varying the position of a balancer according to the revolving speed of an optical disk and automatically adjusting a correcting amount.

SOLUTION: In this disk clamping mechanism for optical disk device for holding and rotating an optical disk D between a turtable 12 and a clamper 20 by the attracting forces of the magnetic material 13 of the turtable 12 and the magnet 23 of the clamper 20, the clamper 20 is composed of a casing 21 having an annular space 22 around the center shaft 21a of the center, a magnet 23 engaged with the center shaft 21a, a plurality of metallic balls 24 constituting a balancer attracted to the magnet 23 during the stoppage or low- speed rotation of the optical disk D and moved in the annular space 22 during high-speed rotation of the optical disk D, and a magnet 25 arranged in a state coaxial to a rotational center in a specified position in the annular space 22 of the casing 21 so as to be used for correcting the balancer for attracting the plurality of metallic balls 24.

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